1989
MONTANA
HUNTING & HARVEST STATISTICS FOR:
Upland Game Bird
Waterfowl

Montana Department of
Fish, Wildlife & Parks

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Upland Game Bird

PREFACE

Survey Approach

Resident and nonresident Upland Game Bird license holders were randomly sampled from a population of all resident and nonresident Upland Game Bird license holders in our license database. Upland Game Bird hunting and harvest data were acquired via telephone for resident license holders and via a mail survey for nonresidents.

Definitions

BAG SIZE.....Total number of birds harvested during season for one hunter

HUNTERS.....The number of hunters who hunted one or more days for upland game birds.

HUNTER DAYS.....Sum of whole days or portions of days hunted

NR.....An abbreviation for nonresident

RES.....An abbreviation for resident

SEASONAL BAG PERCENTAGE.....The number of hunters with a seasonal bag size within the specified range divided by the total number of hunters with any bag size and multiplied by 100

SUCCESSFUL HUNTERS..The hunters who killed one or more upland game birds of a given species

Explanations

The Upland Game Bird hunting and harvest statistics are estimates made from a sample of 14,326 completed questionnaires representing about 18 percent of the 78,658 Upland Game Bird license holders. The relative precision of the estimate increases with the size of the estimate. Regional estimates have greater relative precision than county estimates and the statewide estimates have the greatest relative precision.

The regional and statewide total number of hunters is usually less than the sum of the county and regional number of hunters respectively due to the fact that a hunter can hunt in more than one county and in more than one region.

A new question, "days hunted by species", was added to the questionnaire for license year 1989. These data enabled us to estimate number of hunters and number of hunter days for each species at the state level. Two new tables were added near the end of the report to report these results.

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS

1989 UPLAND GAME BIRD HUNTING AND HARVEST REPORT

JUNE 22, 1990

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MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS
1989 UPLAND GAME BIRD HUNTING AND HARVEST REPORT

HUNTERS, HUNTER DAYS, AND HARVEST

REGION 1

	HUNTERS	HUNTER DAYS	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
COUNTIES													
FLATHEAD	1924	11891	932	34	19	125	1204	4901	746	7	0	0	7967
LAKE	1096	4450	3124	14	280	113	201	932	73	0	0	0	4736
LINCOLN	1976	15663	0	0	0	61	3328	7864	1459	0	0	0	12711
SANDERS	785	5982	337	92	70	172	1497	2647	376	0	0	0	5191
LICENSE TYPES													
RES GAME BIRD	3583	26136	2801	102	61	428	3658	10709	1591	7	0	0	19357
RES SPORTSMAN'S	1261	9550	1180	37	16	21	2169	4561	705	0	0	0	8690
NR GAME BIRD	177	840	364	0	280	9	224	578	187	0	0	0	1642
NR B10 COMBO	179	1206	20	0	12	12	175	442	139	0	0	0	800
NR DEER COMBO	45	254	27	0	0	0	4	53	31	0	0	0	116
TOTAL	5245	37986	4392	139	369	471	6230	16344	2653	7	0	0	30605

SEASONAL BAG PERCENTAGES FOR SUCCESSFUL HUNTERS

REGION 1

RESIDENT GAME BIRD

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	13.5	0.0	50.0	6.7	24.1	10.9	15.9	100.0	0.0	0.0	8.4
2	25.7	60.0	25.0	33.3	17.5	15.6	31.7	0.0	0.0	0.0	14.8
3	10.8	20.0	0.0	26.7	14.6	9.8	14.3	0.0	0.0	0.0	9.7
4-6	18.9	20.0	25.0	20.0	27.7	37.0	23.8	0.0	0.0	0.0	29.3
7-9	10.8	0.0	0.0	6.7	5.8	7.6	7.9	0.0	0.0	0.0	11.5
9+	20.3	0.0	0.0	6.7	10.2	19.2	6.3	0.0	0.0	0.0	26.5

RESIDENT SPORTSMAN'S

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	12.8	0.0	0.0	0.0	15.0	7.2	18.9	0.0	0.0	0.0	7.0
2	23.1	50.0	0.0	100.0	21.3	14.5	32.4	0.0	0.0	0.0	10.6
3	20.5	0.0	100.0	0.0	6.3	10.1	13.5	0.0	0.0	0.0	9.5
4-6	15.4	50.0	0.0	0.0	37.5	34.8	27.0	0.0	0.0	0.0	27.6
7-9	12.8	0.0	0.0	0.0	6.3	8.0	2.7	0.0	0.0	0.0	10.1
9+	15.4	0.0	0.0	0.0	13.8	25.4	5.4	0.0	0.0	0.0	35.2

NONRESIDENT GAME BIRD

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	0.0	0.0	0.0	100.0	14.3	22.2	50.0	0.0	0.0	0.0	6.7
2	33.3	0.0	0.0	0.0	42.9	11.1	0.0	0.0	0.0	0.0	13.3
3	0.0	0.0	0.0	0.0	14.3	22.2	25.0	0.0	0.0	0.0	13.3
4-6	33.3	0.0	0.0	0.0	0.0	11.1	0.0	0.0	0.0	0.0	6.7
7-9	0.0	0.0	0.0	0.0	28.6	11.1	0.0	0.0	0.0	0.0	20.0
9+	33.3	0.0	100.0	0.0	0.0	22.2	25.0	0.0	0.0	0.0	40.0

SEASONAL BAG PERCENTAGES FOR SUCCESSFUL HUNTERS

REGION 1

NONRESIDENT B10 COMBINATION

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	66.7	0.0	0.0	0.0	30.8	26.3	11.1	0.0	0.0	0.0	20.0
2	0.0	0.0	0.0	0.0	15.4	5.3	22.2	0.0	0.0	0.0	8.6
3	33.3	0.0	100.0	100.0	15.4	10.5	11.1	0.0	0.0	0.0	22.9
4-6	0.0	0.0	0.0	0.0	23.1	31.6	44.4	0.0	0.0	0.0	20.0
7-9	0.0	0.0	0.0	0.0	15.4	0.0	11.1	0.0	0.0	0.0	8.6
9+	0.0	0.0	0.0	0.0	0.0	26.3	0.0	0.0	0.0	0.0	20.0

NONRESIDENT DEER COMBINATION

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	50.0	0.0	0.0	0.0	100.0	25.0	0.0	0.0	0.0	0.0	33.3
2	0.0	0.0	0.0	0.0	0.0	25.0	50.0	0.0	0.0	0.0	22.2
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4-6	50.0	0.0	0.0	0.0	0.0	50.0	50.0	0.0	0.0	0.0	44.4
7-9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9+	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

ALL LICENSE TYPES

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	14.9	0.0	28.6	10.5	21.4	10.8	17.4	100.0	0.0	0.0	8.9
2	24.0	57.1	14.3	36.8	19.3	14.8	30.4	0.0	0.0	0.0	13.2
3	14.0	14.3	28.6	26.3	11.8	10.1	13.9	0.0	0.0	0.0	10.3
4-6	18.2	28.6	14.3	15.8	29.8	35.7	26.1	0.0	0.0	0.0	28.0
7-9	10.7	0.0	0.0	5.3	7.1	7.4	6.1	0.0	0.0	0.0	10.9
9+	18.2	0.0	14.3	5.3	10.5	21.3	6.1	0.0	0.0	0.0	28.7

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS
1989 UPLAND GAME BIRD HUNTING AND HARVEST REPORT

HUNTERS, HUNTER DAYS, AND HARVEST

REGION 2

	HUNTERS	HUNTER DAYS	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
COUNTIES													
DEER LODGE	186	736	82	7	14	27	112	142	106	0	0	0	489
GRANTIE	234	1298	0	0	0	0	391	154	112	0	0	0	657
MINERAL	508	2800	119	0	0	27	595	956	153	0	0	0	1849
MISSOULA	1792	8340	220	132	67	131	2245	2370	340	0	27	136	5669
POWELL	454	2915	95	44	0	83	813	638	238	0	0	0	1910
RAVALLI	1048	4669	775	11	0	33	1004	1062	520	30	0	0	3435
LICENSE TYPES													
RES GAME BIRD	2400	12959	1047	75	27	252	3270	3005	537	14	27	136	8390
RES SPORTSMAN'S	1159	6324	171	75	53	37	1698	1982	732	16	0	0	4764
NR GAME BIRD	93	261	37	0	0	0	0	112	37	0	0	0	187
NR B10 COMBO	179	1214	36	44	0	12	191	223	163	0	0	0	669
NR DEER COMBO	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	3832	20758	1291	193	81	301	5160	5322	1469	30	27	136	14010

SEASONAL BAG PERCENTAGES FOR SUCCESSFUL HUNTERS

REGION 2

RESIDENT GAME BIRD

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	31.3	50.0	66.7	12.5	21.0	19.0	29.4	0.0	0.0	0.0	15.7
2	21.9	0.0	33.3	0.0	24.4	20.6	41.2	100.0	0.0	0.0	21.7
3	12.5	0.0	0.0	0.0	16.8	24.6	17.6	0.0	0.0	0.0	13.9
4-6	6.3	0.0	0.0	75.0	23.5	27.0	8.8	0.0	100.0	0.0	22.6
7-9	3.1	0.0	0.0	12.5	5.0	5.6	2.9	0.0	0.0	0.0	10.0
9+	25.0	50.0	0.0	0.0	9.2	3.2	0.0	0.0	0.0	100.0	16.1

RESIDENT SPORTSMAN'S

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	30.0	0.0	0.0	33.3	18.2	20.2	22.5	0.0	0.0	0.0	12.4
2	0.0	66.7	0.0	33.3	20.8	23.4	27.5	0.0	0.0	0.0	19.9
3	40.0	0.0	0.0	0.0	16.9	14.9	15.0	100.0	0.0	0.0	16.8
4-6	30.0	0.0	0.0	33.3	28.6	25.5	27.5	0.0	0.0	0.0	26.1
7-9	0.0	0.0	0.0	0.0	5.2	7.4	5.0	0.0	0.0	0.0	9.3
9+	0.0	33.3	100.0	0.0	10.4	8.5	2.5	0.0	0.0	0.0	15.5

NONRESIDENT GAME BIRD

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.3
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.3
4-6	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0
7-9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9+	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	33.3

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS
1989 UPLAND GAME BIRD HUNTING AND HARVEST REPORT

SEASONAL BAG PERCENTAGES FOR SUCCESSFUL HUNTERS

REGION 2

NONRESIDENT B10 COMBINATION

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	0.0	50.0	0.0	0.0	38.9	11.8	18.2	0.0	0.0	0.0	13.5
2	0.0	0.0	0.0	0.0	27.8	47.1	27.3	0.0	0.0	0.0	29.7
3	0.0	0.0	0.0	100.0	11.1	0.0	0.0	0.0	0.0	0.0	8.1
4-6	0.0	0.0	0.0	0.0	16.7	35.3	45.5	0.0	0.0	0.0	21.6
7-9	100.0	0.0	0.0	0.0	0.0	0.0	9.1	0.0	0.0	0.0	13.5
9+	0.0	50.0	0.0	0.0	5.6	5.9	0.0	0.0	0.0	0.0	13.5

NONRESIDENT DEER COMBINATION

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4-6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7-9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9+	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

ALL LICENSE TYPES

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	31.1	28.6	50.0	16.7	21.5	18.9	24.4	0.0	0.0	0.0	14.4
2	15.6	28.6	25.0	8.3	23.4	23.5	32.6	50.0	0.0	0.0	21.6
3	20.0	0.0	0.0	8.3	16.4	18.9	14.0	50.0	0.0	0.0	14.6
4-6	11.1	0.0	0.0	58.3	24.8	26.9	23.3	0.0	100.0	0.0	23.7
7-9	4.4	0.0	0.0	8.3	4.7	5.9	4.7	0.0	0.0	0.0	10.0
9+	17.8	42.9	25.0	0.0	9.3	5.9	1.2	0.0	0.0	100.0	15.8

HUNTERS, HUNTER DAYS, AND HARVEST

REGION 3

	HUNTERS	HUNTER DAYS	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
COUNTIES													
BEAVERHEAD	720	2610	93	0	1573	48	500	162	193	0	0	0	2567
BROADWATER	722	2648	642	42	57	532	530	88	157	0	0	20	2069
GALLATIN	1171	6021	1072	88	31	770	1763	902	199	76	0	88	4990
JEFFERSON	495	1730	309	14	126	8	624	148	16	0	0	0	1245
MADISON	507	1726	156	95	111	14	593	233	163	0	0	140	1505
PARK	418	2060	107	34	63	128	562	517	11	0	8	82	1512
SILVER BOW	210	689	0	0	19	0	381	0	11	0	0	0	410
LICENSE TYPES													
RES GAME BIRD	2223	10151	1673	224	938	1149	2774	1251	401	20	0	143	8574
RES SPORTSMAN'S	1036	5138	385	32	507	251	1832	593	278	0	0	48	3926
NR GAME BIRD	187	905	205	0	401	56	196	19	19	56	0	140	1091
NR B10 COMBO	263	1246	103	16	119	44	151	155	52	0	8	0	649
NR DEER COMBO	13	45	13	0	13	0	0	31	0	0	0	0	58
TOTAL	3722	17485	2379	272	1980	1500	4953	2049	749	76	8	331	14298

SEASONAL BAG PERCENTAGES FOR SUCCESSFUL HUNTERS

REGION 3

RESIDENT GAME BIRD

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	19.1	11.1	15.2	9.1	20.2	16.7	41.2	50.0	0.0	0.0	15.1
2	21.3	22.2	21.2	36.4	20.2	13.9	11.8	50.0	0.0	0.0	18.9
3	17.0	22.2	15.2	4.5	21.2	22.2	0.0	0.0	0.0	25.0	16.0
4-6	21.3	33.3	36.4	22.7	26.9	25.0	29.4	0.0	0.0	50.0	26.9
7-9	6.4	0.0	3.0	9.1	2.9	8.3	17.6	0.0	0.0	25.0	7.5
9+	14.9	11.1	9.1	18.2	8.7	13.9	0.0	0.0	0.0	0.0	15.6

RESIDENT SPORTSMAN'S

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	20.0	0.0	30.0	7.1	15.4	6.5	27.8	0.0	0.0	0.0	15.5
2	25.0	50.0	20.0	42.9	26.9	35.5	22.2	0.0	0.0	0.0	23.9
3	10.0	0.0	5.0	0.0	9.0	12.9	11.1	0.0	0.0	0.0	9.2
4-6	35.0	50.0	20.0	42.9	35.9	35.5	38.9	0.0	0.0	0.0	24.6
7-9	5.0	0.0	15.0	7.1	3.8	9.7	0.0	0.0	0.0	100.0	11.3
9+	5.0	0.0	10.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	15.5

NONRESIDENT GAME BIRD

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	0.0	0.0	0.0	0.0	33.3	0.0	0.0	0.0	0.0	0.0	7.7
2	20.0	0.0	0.0	0.0	16.7	100.0	100.0	0.0	0.0	0.0	15.4
3	20.0	0.0	50.0	100.0	16.7	0.0	0.0	0.0	0.0	0.0	0.0
4-6	40.0	0.0	0.0	0.0	16.7	0.0	0.0	100.0	0.0	0.0	30.8
7-9	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.7
9+	0.0	0.0	50.0	0.0	16.7	0.0	0.0	0.0	0.0	100.0	38.5

SEASONAL BAG PERCENTAGES FOR SUCCESSFUL HUNTERS

REGION 3

NONRESIDENT B10 COMBINATION

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	37.5	50.0	12.5	33.3	36.8	20.0	60.0	0.0	0.0	0.0	27.3
2	25.0	0.0	12.5	50.0	31.6	10.0	20.0	0.0	100.0	0.0	20.5
3	12.5	50.0	25.0	16.7	26.3	30.0	0.0	0.0	0.0	0.0	18.2
4-6	12.5	0.0	37.5	0.0	5.3	20.0	0.0	0.0	0.0	0.0	22.7
7-9	0.0	0.0	12.5	0.0	0.0	20.0	20.0	0.0	0.0	0.0	4.5
9+	12.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.8

NONRESIDENT DEER COMBINATION

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	100.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	66.7
4-6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7-9	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	33.3
9+	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

ALL LICENSE TYPES

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	19.8	15.4	18.8	11.4	20.3	12.7	36.6	33.3	0.0	0.0	16.2
2	22.2	23.1	18.8	38.6	23.7	22.8	19.5	33.3	100.0	0.0	20.5
3	16.0	23.1	15.6	9.1	16.9	19.0	4.9	0.0	0.0	16.7	13.8
4-6	24.7	30.8	29.7	25.0	28.0	27.8	29.3	33.3	0.0	33.3	25.6
7-9	6.2	0.0	7.8	6.8	2.9	11.4	9.8	0.0	0.0	33.3	8.7
9+	11.1	7.7	9.4	9.1	8.2	6.3	0.0	0.0	0.0	16.7	15.2

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS
1989 UPLAND GAME BIRD HUNTING AND HARVEST REPORT

HUNTERS, HUNTER DAYS, AND HARVEST

REGION 4

	HUNTERS	HUNTER DAYS	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
COUNTIES													
CASCADE	2218	8602	4275	2069	113	4410	715	201	72	0	8	812	12674
CHOUTEAU	1339	5023	3333	1032	259	2738	231	160	27	0	9	88	7877
FERGUS	2229	9047	7669	3000	1145	3186	320	205	11	0	56	499	16091
GLACIER	86	487	171	55	41	595	0	43	0	0	0	0	905
JUDITH BASIN	672	2293	1437	426	197	2914	542	86	4	0	0	0	5607
LEWIS & CLARK	1161	5005	192	434	0	491	2588	313	296	0	0	0	4313
LIBERTY	233	830	784	377	24	681	0	11	0	0	0	0	1877
MEAGHER	386	1257	56	26	0	54	354	258	14	0	0	0	761
PETROLEUM	747	2383	961	926	1405	773	34	0	0	0	0	14	4112
PONDERA	649	2854	2108	407	9	1545	16	0	20	0	0	0	4106
TETON	1274	5232	3853	1222	27	3980	11	154	50	7	0	27	9329
TOOLE	303	1005	90	508	27	1232	0	0	0	0	0	0	1856
LICENSE TYPES													
RES GAME BIRD	5480	26347	14462	5188	1843	13299	3175	741	252	7	0	1061	40027
RES SPORTSMAN'S	2067	11831	5859	2270	737	4989	1309	406	208	0	0	379	16157
NR GAME BIRD	1175	4254	3675	2528	578	3703	224	187	0	0	56	0	10952
NR B10 COMBO	310	1047	529	183	88	390	103	80	20	0	8	0	1401
NR DEER COMBO	192	539	401	312	0	218	0	18	13	0	9	0	972
TOTAL	9225	44018	24927	10481	3246	22600	4811	1431	493	7	73	1440	69508

SEASONAL BAG PERCENTAGES FOR SUCCESSFUL HUNTERS

REGION 4

RESIDENT GAME BIRD

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	12.5	15.2	16.9	10.6	29.3	22.9	15.4	100.0	0.0	13.3	10.2
2	16.9	26.1	24.6	18.3	21.7	40.0	30.8	0.0	0.0	33.3	16.3
3	13.4	12.7	16.9	8.5	16.3	14.3	23.1	0.0	0.0	6.7	9.8
4-6	25.9	28.5	24.6	24.8	13.0	14.3	30.8	0.0	0.0	6.7	24.2
7-9	11.0	3.0	9.2	7.3	6.5	2.9	0.0	0.0	0.0	0.0	9.0
9+	20.3	14.5	7.7	30.5	13.0	5.7	0.0	0.0	0.0	40.0	30.5

RESIDENT SPORTSMAN'S

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	14.2	10.2	23.3	5.9	10.4	31.8	23.1	0.0	0.0	0.0	8.6
2	20.5	26.1	23.3	15.3	27.1	18.2	30.8	0.0	0.0	14.3	13.2
3	15.9	17.0	13.3	11.0	10.4	22.7	7.7	0.0	0.0	0.0	14.2
4-6	25.6	29.5	26.7	34.7	33.3	9.1	38.5	0.0	0.0	42.9	24.1
7-9	7.4	8.0	3.3	6.8	8.3	9.1	0.0	0.0	0.0	0.0	12.5
9+	16.5	9.1	10.0	26.3	10.4	9.1	0.0	0.0	0.0	42.9	27.4

NONRESIDENT GAME BIRD

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	13.2	11.5	31.6	11.7	0.0	0.0	0.0	0.0	0.0	0.0	6.2
2	5.9	21.2	21.1	11.7	20.0	25.0	0.0	0.0	0.0	0.0	5.3
3	8.8	15.4	5.3	10.0	40.0	25.0	0.0	0.0	0.0	0.0	4.4
4-6	39.7	30.8	31.6	35.0	20.0	25.0	0.0	0.0	100.0	0.0	25.7
7-9	17.6	9.6	5.3	15.0	0.0	0.0	0.0	0.0	0.0	0.0	15.9
9+	14.7	11.5	5.3	16.7	20.0	25.0	0.0	0.0	0.0	0.0	42.5

SEASONAL BAG PERCENTAGES FOR SUCCESSFUL HUNTERS

REGION 4

NONRESIDENT B10 COMBINATION

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	9.1	33.3	12.5	16.7	55.6	42.9	75.0	0.0	0.0	0.0	18.5
2	21.2	26.7	37.5	27.8	11.1	14.3	25.0	0.0	100.0	0.0	10.8
3	27.3	13.3	37.5	11.1	0.0	0.0	0.0	0.0	0.0	0.0	23.1
4-6	27.3	13.3	12.5	16.7	22.2	42.9	0.0	0.0	0.0	0.0	29.2
7-9	12.1	13.3	0.0	11.1	11.1	0.0	0.0	0.0	0.0	0.0	4.6
9+	3.0	0.0	0.0	16.7	0.0	0.0	0.0	0.0	0.0	0.0	13.8

NONRESIDENT DEER COMBINATION

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	24.0	20.0	0.0	26.7	0.0	100.0	0.0	0.0	0.0	0.0	11.8
2	24.0	33.3	0.0	33.3	0.0	0.0	0.0	0.0	100.0	0.0	20.6
3	4.0	6.7	0.0	20.0	0.0	0.0	100.0	0.0	0.0	0.0	8.8
4-6	32.0	20.0	0.0	6.7	0.0	0.0	0.0	0.0	0.0	0.0	23.5
7-9	16.0	6.7	0.0	6.7	0.0	0.0	0.0	0.0	0.0	0.0	14.7
9+	0.0	13.3	0.0	6.7	0.0	0.0	0.0	0.0	0.0	0.0	20.6

ALL LICENSE TYPES

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	13.3	14.3	20.5	10.3	24.0	30.6	25.8	100.0	0.0	9.1	9.9
2	17.2	25.7	24.6	17.5	22.7	27.8	29.0	0.0	66.7	27.3	14.2
3	13.9	14.0	15.6	9.8	14.3	15.3	16.1	0.0	0.0	4.5	11.2
4-6	27.6	28.1	25.4	27.8	20.1	15.3	29.0	0.0	33.3	18.2	24.6
7-9	11.0	6.0	6.6	8.3	7.1	4.2	0.0	0.0	0.0	0.0	10.6
9+	17.0	11.9	7.4	26.3	11.7	6.9	0.0	0.0	0.0	40.9	29.6

HUNTERS, HUNTER DAYS, AND HARVEST

REGION 5

	HUNTERS	HUNTER DAYS	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
COUNTIES													
BIGHORN	1260	5505	6187	2644	326	759	12	34	0	0	48	214	10224
CARBON	874	4080	1848	321	762	1714	259	108	14	0	759	54	5840
GOLDEN VALLEY	198	541	313	68	207	285	0	54	0	0	0	0	926
MUSSELSHELL	383	1275	768	149	695	181	0	16	0	0	0	160	1970
STILLWATER	544	2138	175	901	43	1218	373	24	0	0	8	62	2804
SWEETGRASS	218	569	96	44	4	195	26	0	27	0	4	156	554
WHEATLAND	175	448	9	14	77	62	88	31	0	0	0	0	281
YELLOWSTONE	1482	6221	2557	1643	498	1319	35	0	0	0	87	768	6907
LICENSE TYPES													
RES GAME BIRD	2590	13544	6330	3638	1870	4243	428	211	41	0	741	748	18249
RES SPORTSMAN'S	710	4412	2772	1015	459	1090	353	32	0	0	69	518	6308
NR GAME BIRD	634	2286	2369	952	196	280	0	0	0	0	84	149	4030
NR B10 COMBO	100	247	187	56	60	32	8	16	0	0	8	0	366
NR DEER COMBO	120	290	294	125	27	89	4	9	0	0	4	0	553
TOTAL	4155	20778	11953	5784	2611	5733	793	268	41	0	907	1415	29506

SEASONAL BAG PERCENTAGES FOR SUCCESSFUL HUNTERS

REGION 5

RESIDENT GAME BIRD

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	16.4	12.9	13.1	4.3	27.3	25.0	66.7	0.0	0.0	8.3	11.5
2	15.8	24.8	24.6	17.4	22.7	12.5	0.0	0.0	41.7	16.7	16.9
3	16.4	15.8	13.1	11.6	9.1	12.5	0.0	0.0	8.3	0.0	12.2
4-6	27.6	29.7	36.1	33.3	40.9	37.5	33.3	0.0	16.7	25.0	20.5
7-9	6.6	3.0	3.3	8.7	0.0	12.5	0.0	0.0	0.0	8.3	10.4
9+	17.1	13.9	9.8	24.6	0.0	0.0	0.0	0.0	33.3	41.7	28.4

RESIDENT SPORTSMAN'S

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	7.5	25.0	21.7	21.2	38.9	0.0	0.0	0.0	33.3	0.0	11.0
2	17.0	3.6	13.0	24.2	11.1	100.0	0.0	0.0	33.3	11.1	13.0
3	17.0	14.3	17.4	3.0	22.2	0.0	0.0	0.0	0.0	0.0	8.0
4-6	15.1	28.6	39.1	30.3	16.7	0.0	0.0	0.0	0.0	44.4	17.0
7-9	11.3	10.7	4.3	6.1	0.0	0.0	0.0	0.0	0.0	0.0	13.0
9+	32.1	17.9	4.3	15.2	11.1	0.0	0.0	0.0	33.3	44.4	38.0

NONRESIDENT GAME BIRD

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	7.7	5.0	14.3	25.0	0.0	0.0	0.0	0.0	25.0	0.0	5.9
2	12.8	20.0	14.3	12.5	0.0	0.0	0.0	0.0	50.0	25.0	9.8
3	10.3	20.0	42.9	25.0	0.0	0.0	0.0	0.0	0.0	25.0	7.8
4-6	28.2	30.0	28.6	25.0	0.0	0.0	0.0	0.0	25.0	50.0	29.4
7-9	15.4	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.6
9+	25.6	15.0	0.0	12.5	0.0	0.0	0.0	0.0	0.0	0.0	27.5

SEASONAL BAG PERCENTAGES FOR SUCCESSFUL HUNTERS

REGION 5

NONRESIDENT B10 COMBINATION

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	33.3	0.0	20.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	21.1
2	33.3	0.0	40.0	25.0	100.0	0.0	0.0	0.0	100.0	0.0	31.6
3	0.0	33.3	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.8
4-6	22.2	66.7	0.0	25.0	0.0	100.0	0.0	0.0	0.0	0.0	15.8
7-9	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3
9+	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.5

NONRESIDENT DEER COMBINATION

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	20.0	20.0	0.0	40.0	100.0	0.0	0.0	0.0	100.0	0.0	10.0
2	10.0	40.0	100.0	30.0	0.0	100.0	0.0	0.0	0.0	0.0	35.0
3	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0
4-6	40.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0
7-9	10.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0
9+	20.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0

ALL LICENSE TYPES

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	14.1	14.0	15.2	14.5	33.3	15.4	66.7	0.0	14.3	4.0	11.1
2	16.0	20.4	24.2	20.2	19.0	38.5	0.0	0.0	42.9	16.0	16.7
3	14.4	15.9	16.2	10.5	14.3	7.7	0.0	0.0	4.8	4.0	10.9
4-6	25.5	29.3	33.3	29.8	28.6	30.8	33.3	0.0	14.3	36.0	20.3
7-9	8.7	5.7	4.0	6.5	0.0	7.7	0.0	0.0	0.0	4.0	12.0
9+	21.3	14.6	7.1	18.5	4.8	0.0	0.0	0.0	23.8	36.0	29.1

HUNTERS, HUNTER DAYS, AND HARVEST

REGION 6

	HUNTERS	HUNTER DAYS	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
COUNTIES													
BLAINE	937	5097	4567	2572	503	3575	59	5	0	0	20	721	12023
DANIELS	562	2316	2267	1271	96	2057	14	0	0	0	0	102	5806
HILL	813	3466	1879	830	339	1180	16	11	0	0	0	0	4254
MCCONE	534	2118	708	1164	200	1064	11	0	0	0	0	61	3208
PHILLIPS	1111	4434	2045	881	1347	847	0	4	8	0	9	600	5740
RICHLAND	1185	6159	4787	1498	290	1419	20	11	0	0	0	84	8110
ROOSEVELT	665	3056	3558	1259	0	2140	0	0	0	0	0	53	7010
SHERIDAN	1265	7234	7971	2534	0	5172	65	20	0	0	16	0	15778
VALLEY	896	3563	1207	1532	1367	1097	53	11	9	0	19	241	5535
LICENSE TYPES													
RES GAME BIRD	3610	21628	13823	6867	1979	9186	88	20	0	0	20	1353	33336
RES SPORTSMAN'S	817	4652	3231	1650	737	1832	150	37	0	0	0	118	7755
NR GAME BIRD	1698	9142	10513	4431	1101	6446	0	0	0	0	28	392	22911
NR B10 COMBO	167	844	641	275	143	637	0	4	8	0	16	0	1723
NR DEER COMBO	330	1177	780	316	183	450	0	0	9	0	0	0	1738
TOTAL	6622	37443	28988	13540	4142	18551	238	62	17	0	64	1862	67465

SEASONAL BAG PERCENTAGES FOR SUCCESSFUL HUNTERS

REGION 6

RESIDENT GAME BIRD

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	14.9	10.8	22.7	5.2	0.0	0.0	0.0	0.0	0.0	12.5	9.2
2	16.6	24.3	21.2	17.4	33.3	0.0	0.0	0.0	0.0	18.8	11.5
3	14.2	13.5	18.2	12.8	33.3	100.0	0.0	0.0	100.0	6.3	11.3
4-6	25.3	32.4	21.2	35.5	0.0	0.0	0.0	0.0	0.0	25.0	23.9
7-9	8.1	4.9	3.0	5.8	33.3	0.0	0.0	0.0	0.0	6.3	8.5
9+	20.9	14.1	13.6	23.3	0.0	0.0	0.0	0.0	0.0	31.3	35.7

RESIDENT SPORTSMAN'S

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	2.8	11.3	16.7	0.0	0.0	25.0	0.0	0.0	0.0	0.0	2.4
2	11.3	15.1	27.8	21.8	33.3	75.0	0.0	0.0	0.0	0.0	12.1
3	14.1	17.0	16.7	9.1	16.7	0.0	0.0	0.0	0.0	0.0	8.1
4-6	31.0	30.2	19.4	43.6	33.3	0.0	0.0	0.0	0.0	0.0	27.4
7-9	7.0	3.8	13.9	7.3	0.0	0.0	0.0	0.0	0.0	0.0	10.5
9+	33.8	22.6	5.6	18.2	16.7	0.0	0.0	0.0	0.0	100.0	39.5

NONRESIDENT GAME BIRD

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	6.2	15.6	25.9	4.5	0.0	0.0	0.0	0.0	50.0	0.0	3.7
2	8.5	7.8	25.9	17.0	0.0	0.0	0.0	0.0	50.0	20.0	4.9
3	7.7	14.3	11.1	6.8	0.0	0.0	0.0	0.0	0.0	0.0	3.7
4-6	26.9	27.3	18.5	29.5	0.0	0.0	0.0	0.0	0.0	0.0	16.7
7-9	13.8	13.0	3.7	10.2	0.0	0.0	0.0	0.0	0.0	20.0	11.1
9+	36.9	22.1	14.8	31.8	0.0	0.0	0.0	0.0	0.0	60.0	59.9

SEASONAL BAG PERCENTAGES FOR SUCCESSFUL HUNTERS

REGION 6

NONRESIDENT B10 COMBINATION

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	11.5	13.3	0.0	10.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0
2	19.2	20.0	40.0	15.0	0.0	0.0	100.0	0.0	0.0	0.0	13.2
3	19.2	26.7	10.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	13.2
4-6	23.1	33.3	40.0	30.0	0.0	0.0	0.0	0.0	100.0	0.0	28.9
7-9	3.8	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.5
9+	23.1	6.7	0.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	34.2

NONRESIDENT DEER COMBINATION

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	16.3	28.6	47.1	34.8	0.0	0.0	0.0	0.0	0.0	0.0	18.0
2	32.6	28.6	23.5	13.0	0.0	0.0	100.0	0.0	0.0	0.0	19.7
3	18.6	14.3	5.9	4.3	0.0	0.0	0.0	0.0	0.0	0.0	14.8
4-6	14.0	9.5	17.6	30.4	0.0	0.0	0.0	0.0	0.0	0.0	16.4
7-9	4.7	14.3	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.8
9+	14.0	4.8	0.0	17.4	0.0	0.0	0.0	0.0	0.0	0.0	21.3

ALL LICENSE TYPES

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	11.3	13.1	23.1	6.4	0.0	33.3	0.0	0.0	25.0	8.7	7.3
2	15.4	19.4	25.0	17.6	33.3	50.0	100.0	0.0	25.0	17.4	11.0
3	13.3	14.8	14.7	10.3	22.2	16.7	0.0	0.0	25.0	4.3	9.6
4-6	25.4	29.6	21.2	34.6	22.2	0.0	0.0	0.0	25.0	17.4	22.7
7-9	8.8	6.8	6.4	6.4	11.1	0.0	0.0	0.0	0.0	8.7	9.5
9+	25.8	16.2	9.6	24.6	11.1	0.0	0.0	0.0	0.0	43.5	40.0

HUNTERS, HUNTER DAYS, AND HARVEST

REGION 7

	HUNTERS	HUNTER DAYS	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
COUNTIES													
CARTER	99	241	408	38	62	0	5	0	37	0	0	61	612
CUSTER	660	3054	1618	399	465	196	0	0	0	0	0	524	3202
DAWSON	1054	4678	3383	2042	338	1756	0	0	0	0	0	571	8090
FALLON	187	542	63	195	242	118	0	0	0	0	14	62	694
GARFIELD	484	1398	209	307	858	170	0	0	0	0	31	187	1761
POWDER RIVER	433	1365	541	572	239	48	11	47	0	0	0	0	1457
PRAIRIE	374	1401	284	297	139	73	0	0	0	0	0	68	861
ROSEBUD	964	3791	2023	1044	567	36	0	14	0	0	9	243	3937
TREASURE	600	2052	1682	226	677	89	0	0	0	14	0	27	2715
WIBEAUX	97	305	68	371	0	184	0	0	0	0	0	0	624
LICENSE TYPES													
RES GAME BIRD	2421	11735	6595	3223	1741	1734	0	14	0	14	14	1278	14611
RES SPORTSMAN'S	513	2542	1501	812	545	353	16	0	37	0	0	465	3728
NR GAME BIRD	812	2948	1679	924	728	410	0	47	0	0	9	0	3797
NR B10 COMBO	111	322	147	96	115	44	0	0	0	0	0	0	402
NR DEER COMBO	477	1279	357	437	459	129	0	0	0	0	31	0	1413
TOTAL	4333	18827	10279	5491	3588	2670	16	60	37	14	54	1743	23951

SEASONAL BAG PERCENTAGES FOR SUCCESSFUL HUNTERS

REGION 7

RESIDENT GAME BIRD

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	15.3	12.4	19.3	12.7	0.0	0.0	0.0	0.0	0.0	0.0	12.8
2	18.8	20.6	17.5	23.6	0.0	100.0	0.0	100.0	100.0	12.5	14.0
3	17.6	8.2	21.1	18.2	0.0	0.0	0.0	0.0	0.0	6.3	11.6
4-6	25.0	39.2	28.1	25.5	0.0	0.0	0.0	0.0	0.0	18.8	24.4
7-9	6.8	9.3	5.3	9.1	0.0	0.0	0.0	0.0	0.0	12.5	9.3
9+	16.5	10.3	8.8	10.9	0.0	0.0	0.0	0.0	0.0	50.0	27.9

RESIDENT SPORTSMAN'S

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	17.1	17.6	18.8	0.0	50.0	0.0	0.0	0.0	0.0	0.0	13.3
2	22.9	20.6	25.0	22.2	50.0	0.0	0.0	0.0	0.0	0.0	14.7
3	5.7	17.6	18.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.7
4-6	20.0	23.5	18.8	44.4	0.0	0.0	0.0	0.0	0.0	42.9	25.3
7-9	5.7	8.8	0.0	11.1	0.0	0.0	100.0	0.0	0.0	14.3	12.0
9+	28.6	11.8	18.8	22.2	0.0	0.0	0.0	0.0	0.0	42.9	28.0

NONRESIDENT GAME BIRD

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	17.1	11.1	5.6	61.5	0.0	0.0	0.0	0.0	100.0	0.0	10.9
2	19.5	27.8	22.2	7.7	0.0	0.0	0.0	0.0	0.0	0.0	17.2
3	17.1	11.1	11.1	15.4	0.0	0.0	0.0	0.0	0.0	0.0	12.5
4-6	31.7	16.7	50.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	29.7
7-9	2.4	16.7	5.6	7.7	0.0	0.0	0.0	0.0	0.0	0.0	9.4
9+	12.2	16.7	5.6	7.7	0.0	0.0	0.0	0.0	0.0	0.0	20.3

SEASONAL BAG PERCENTAGES FOR SUCCESSFUL HUNTERS

REGION 7

NONRESIDENT B10 COMBINATION

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	18.2	63.6	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.8
2	36.4	9.1	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.8
3	0.0	9.1	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.7
4-6	36.4	9.1	20.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	20.8
7-9	9.1	9.1	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5
9+	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.3

NONRESIDENT DEER COMBINATION

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	22.2	29.4	30.8	45.5	0.0	0.0	0.0	0.0	0.0	0.0	18.5
2	37.0	35.3	28.2	18.2	0.0	0.0	0.0	0.0	50.0	0.0	25.9
3	14.8	14.7	15.4	9.1	0.0	0.0	0.0	0.0	0.0	0.0	17.3
4-6	22.2	14.7	23.1	18.2	0.0	0.0	0.0	0.0	50.0	0.0	22.2
7-9	0.0	2.9	2.6	9.1	0.0	0.0	0.0	0.0	0.0	0.0	6.2
9+	3.7	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.9

ALL LICENSE TYPES

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	16.6	19.1	21.4	22.2	50.0	0.0	0.0	0.0	25.0	0.0	13.9
2	21.7	23.2	22.1	20.0	50.0	50.0	0.0	100.0	50.0	8.7	16.7
3	15.2	11.3	17.9	14.4	0.0	0.0	0.0	0.0	0.0	4.3	12.2
4-6	25.5	28.4	27.9	24.4	0.0	50.0	0.0	0.0	25.0	26.1	24.7
7-9	5.5	8.8	4.3	8.9	0.0	0.0	100.0	0.0	0.0	13.0	9.4
9+	15.5	9.3	6.4	10.0	0.0	0.0	0.0	0.0	0.0	47.8	23.1

HUNTERS, HUNTER DAYS, AND HARVEST

REGION UNKNOWN

	HUNTERS	HUNTER DAYS	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
LICENSE TYPES													
RES GAME BIRD	136	768	258	7	68	34	122	109	7	0	0	0	605
RES SPORTSMAN'S	48	283	320	214	0	219	37	11	0	0	0	0	801
NR GAME BIRD	28	65	19	19	0	0	0	9	0	0	0	0	47
NR B10 COMBO	52	310	179	92	72	44	68	24	36	0	0	0	513
NR DEER COMBO	27	125	27	9	22	9	0	0	0	0	0	0	67
TOTAL	291	1552	803	340	162	306	227	153	43	0	0	0	2033

HUNTERS, HUNTER DAYS, AND HARVEST

STATE

	HUNTERS	HUNTER DAYS	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
LICENSE TYPES													
RES GAME BIRD	20241	123269	46989	19323	8526	30324	13517	16060	2828	61	802	4719	143150
RES SPORTSMAN'S	6671	44732	15420	6105	3055	8792	7563	7622	1960	16	69	1528	52130
NR GAME BIRD	4114	20700	18862	8853	3284	10905	644	952	243	56	177	681	44656
NR B10 COMBO	1242	6436	1843	760	609	1214	697	943	418	0	40	0	6524
NR DEER COMBO	1141	3709	1899	1199	704	896	9	111	53	0	45	0	4917
TOTAL	33409	198846	85013	36240	16178	52131	22429	25688	5503	133	1133	6927	251376

SEASONAL BAG PERCENTAGES FOR SUCCESSFUL HUNTERS

STATE

RESIDENT GAME BIRD

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	15.0	12.9	18.8	8.5	23.7	14.6	24.4	50.0	0.0	7.8	11.1
2	18.0	24.4	21.9	19.2	21.0	18.6	30.5	50.0	40.0	18.8	15.1
3	14.5	12.9	16.4	11.2	16.6	15.1	13.7	0.0	13.3	6.3	10.8
4-6	24.7	31.7	28.4	29.5	24.1	31.5	21.4	0.0	20.0	20.3	24.5
7-9	8.7	4.6	4.8	7.3	5.0	6.8	6.9	0.0	0.0	7.8	10.1
9+	19.2	13.5	9.6	24.3	9.8	13.4	3.1	0.0	26.7	39.1	28.4

RESIDENT SPORTSMAN'S

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	12.0	13.3	21.3	7.2	16.7	13.3	22.0	0.0	33.3	0.0	8.9
2	19.0	20.4	22.0	20.8	23.4	21.8	28.4	0.0	33.3	7.7	14.3
3	15.4	16.1	15.0	8.1	11.2	12.6	12.8	100.0	0.0	0.0	11.4
4-6	24.4	28.4	24.4	36.4	32.7	29.0	30.3	0.0	0.0	38.5	23.4
7-9	7.8	7.1	7.9	6.8	5.1	7.8	3.7	0.0	0.0	7.7	11.9
9+	21.5	14.7	9.4	20.8	10.9	15.4	2.8	0.0	33.3	46.2	30.1

NONRESIDENT GAME BIRD

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	9.7	12.5	20.3	12.8	16.7	17.6	33.3	0.0	37.5	0.0	4.8
2	10.7	16.1	21.6	14.0	27.8	17.6	16.7	0.0	37.5	20.0	6.8
3	10.0	14.9	13.5	10.5	22.2	17.6	16.7	0.0	0.0	10.0	6.5
4-6	30.8	27.4	29.7	28.5	11.1	17.6	16.7	100.0	25.0	20.0	22.4
7-9	13.1	11.9	4.1	11.0	11.1	5.9	0.0	0.0	0.0	10.0	13.4
9+	25.6	17.3	10.8	23.3	11.1	23.5	16.7	0.0	0.0	40.0	46.1

SEASONAL BAG PERCENTAGES FOR SUCCESSFUL HUNTERS

STATE

NONRESIDENT B10 COMBINATION

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	17.0	32.7	20.4	17.5	38.8	22.8	27.3	0.0	0.0	0.0	16.1
2	24.0	16.4	24.5	24.6	22.4	19.3	30.3	0.0	75.0	0.0	15.4
3	17.0	16.4	20.4	17.5	16.4	12.3	3.0	0.0	0.0	0.0	18.3
4-6	23.0	25.5	26.5	21.1	16.4	31.6	30.3	0.0	25.0	0.0	25.3
7-9	8.0	5.5	8.2	3.5	4.5	3.5	9.1	0.0	0.0	0.0	8.1
9+	11.0	3.6	0.0	15.8	1.5	10.5	0.0	0.0	0.0	0.0	16.8

NONRESIDENT DEER COMBINATION

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	20.0	26.3	33.9	35.0	100.0	50.0	0.0	0.0	25.0	0.0	16.5
2	28.2	34.2	29.0	23.3	0.0	20.0	50.0	0.0	50.0	0.0	21.4
3	14.5	11.8	12.9	11.7	0.0	0.0	25.0	0.0	0.0	0.0	15.5
4-6	22.7	13.2	21.0	18.3	0.0	20.0	25.0	0.0	25.0	0.0	21.8
7-9	6.4	7.9	3.2	3.3	0.0	10.0	0.0	0.0	0.0	0.0	9.7
9+	8.2	6.6	0.0	8.3	0.0	0.0	0.0	0.0	0.0	0.0	15.0

ALL LICENSE TYPES

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	14.0	14.9	21.2	10.8	22.4	15.2	23.7	37.5	14.7	5.0	10.5
2	18.0	22.6	22.8	19.2	22.0	19.7	29.7	37.5	44.1	16.0	14.4
3	14.2	14.0	15.7	10.8	14.8	13.9	12.4	12.5	5.9	5.0	11.3
4-6	25.3	28.7	26.8	29.8	26.2	30.3	25.8	12.5	20.6	25.0	24.0
7-9	9.0	6.5	5.5	7.4	5.1	7.0	5.7	0.0	0.0	8.0	10.7
9+	19.6	13.3	7.9	22.1	9.5	13.9	2.8	0.0	14.7	41.0	29.1

HUNTERS AND HUNTER DAYS BY SPECIES

STATE NUMBER OF HUNTERS

LICENSE TYPES	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE
RES GAME BIRD	7703	3848	1985	4005	3298	3298	897	41	102	442
RES SPORTSMAN'S	2195	1132	684	1266	1672	1565	582	5	16	139
NR GAME BIRD	2705	1605	709	1623	168	168	56	9	75	93
NR B10 COMBO	426	243	207	235	291	235	131	0	16	0
NR DEER COMBO	490	343	281	272	9	45	18	0	18	0
TOTAL	13520	7171	3866	7401	5437	5310	1685	55	226	674

STATE NUMBER OF HUNTER DAYS

LICENSE TYPES	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE
RES GAME BIRD	42937	19208	8329	24124	20425	24701	6568	265	537	1911
RES SPORTSMAN'S	13615	7136	3087	8268	9432	11158	4449	160	21	598
NR GAME BIRD	11455	6996	2603	7034	774	868	392	28	289	252
NR B10 COMBO	1377	884	752	876	2110	1739	1114	0	40	0
NR DEER COMBO	1498	1088	718	722	13	152	76	0	62	0
TOTAL	70882	35311	15489	41023	32754	38618	12599	453	950	2761

ANALYSIS SUMMARY STATISTICS

LICENSE TYPE	NUMBER SOLD	SAMPLE SIZE	EXPANSION FACTOR
RES GAME BIRD	33520	4930	6.80
RES SPORTSMAN'S	17567	3289	5.34
NR GAME BIRD	4571	490	9.33
NR B10 COMBO	17000	4271	3.98
NR DEER COMBO	6000	1346	4.46
TOTAL	78658	14326	0.00

Waterfowl

PREFACE

Survey Approach

Resident and nonresident Waterfowl Stamp holders were randomly sampled from a population of all resident and nonresident Waterfowl Stamp holders in our license database. Waterfowl hunting and harvest data were acquired via telephone for resident stamp holders and via a mail survey for nonresidents.

Definitions

BOTH HUNTERS.....Hunters who hunted both geese and ducks
BAG SIZE.....Total number of birds harvested during season for one hunter
HUNTERS.....The number of hunters who hunted one or more days
HNTR DAYS.....An abbreviation for hunter days meaning the sum of whole days or portions of days hunted
PERCENT HARVEST.....The total number of birds killed by hunters whose seasonal bag size was within the specified range divided by the total number of birds killed and multiplied by 100
PERCENT HUNTERS.....The number of hunters with a seasonal bag size within the specified range divided by the total number of hunters with any bag size and multiplied by 100
WATERFOWL HUNTERS...Hunters who hunted geese and/or ducks

Explanations

The Waterfowl hunting and harvest statistics are estimates made from a sample of 1,560 completed questionnaires representing about 10.6 percent of the 14,678 Waterfowl Stamp holders. The relative precision of the estimate increases with the size of the estimate. Regional and flyway estimates have greater relative precision than county estimates and the statewide estimates have the greatest relative precision.

The regional and statewide total number of hunters is usually less than the sum of the county and flyway number of hunters respectively due to the fact that a hunter can hunt in more than one county and in more than one flyway.

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS

1989 WATERFOWL HUNTING AND HARVEST REPORT

JUNE 18, 1990

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS
1989 WATERFOWL HUNTING AND HARVEST REPORT

	GOOSE HUNTERS	DUCK HUNTERS	WATERFOWL HUNTERS	BOTH HUNTERS	GOOSE HNTR DAYS	DUCK HNTR DAYS	CANADA GOOSE KILL	WHITE GOOSE KILL	DUCK KILL
REGION 1									
FLATHEAD	753	724	922	555	5485	6426	1364	0	6549
LAKE	499	461	621	339	2832	3114	1261	122	2907
LINCOLN	47	85	94	38	348	480	0	0	517
SANDERS	132	85	132	85	819	649	263	0	517
REGIONAL TOTAL	1355	1317	1694	979	9484	10670	2889	122	10491
REGION 2									
DEER LODGE	122	226	226	122	1073	1976	122	9	2766
GRANTIE	19	66	75	9	47	169	9	0	376
MINERAL	85	94	113	66	254	320	85	0	442
MISSOULA	301	414	480	235	1684	2343	339	56	2371
POWELL	28	151	151	28	141	649	0	0	1007
RAVALLI	423	527	612	339	4413	4535	988	0	3679
REGIONAL TOTAL	931	1336	1505	762	7612	9992	1543	66	10642
REGION 3									
BEAVERHEAD	235	348	433	151	1581	1647	489	28	3764
BROADWATER	320	292	442	169	1901	1910	414	0	2183
GALLATIN	386	630	715	301	2616	4008	724	47	4554
JEFFERSON	56	132	132	56	339	555	94	9	395
MADISON	235	376	423	188	1204	1712	499	0	2672
PARK	47	103	103	47	348	772	122	0	1242
SILVER BOW	0	0	0	0	0	0	0	0	0
REGIONAL TOTAL	1223	1694	2023	894	7988	10604	2343	85	14810
REGION 4									
CASCADE	555	574	781	348	3820	3425	1571	103	4319
CHOUTEAU	254	226	339	141	1110	724	922	141	1298
FERGUS	122	122	198	47	941	536	207	38	452
GLACIER	56	28	66	19	310	66	254	0	113
JUDITH BASIN	28	66	66	28	85	226	19	0	405
LEWIS & CLARK	386	452	499	339	3397	3020	1167	28	4046
LIBERTY	122	85	132	75	1637	1063	442	9	593
MEAGHER	9	19	28	0	9	179	0	0	226
PETROLEUM	38	38	56	19	188	386	75	0	320
PONDERA	85	103	141	47	320	565	47	66	724
TETON	574	621	781	414	2569	2625	593	668	3764
TOOLE	47	56	85	19	151	151	94	0	160
REGIONAL TOTAL	2051	2192	2842	1402	14537	12966	5391	1054	16419

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS
1989 WATERFOWL HUNTING AND HARVEST REPORT

	GOOSE HUNTERS	DUCK HUNTERS	WATERFOWL HUNTERS	BOTH HUNTERS	GOOSE HNTR DAYS	DUCK HNTR DAYS	CANADA GOOSE KILL	WHITE GOOSE KILL	DUCK KILL
REGION 5									
BIGHORN	423	527	621	329	2616	2870	2136	0	3961
CARBON	132	207	226	113	1157	1919	94	0	1694
GOLDEN VALLEY	19	19	28	9	160	66	169	0	132
MUSSELSHELL	19	28	28	19	56	56	56	0	94
STILLWATER	47	66	85	28	122	320	141	0	273
SWEETGRASS	94	94	132	56	310	263	122	0	301
WHEATLAND	38	38	56	19	47	47	28	0	38
YELLOWSTONE	715	677	903	489	5890	5382	2380	28	4460
REGIONAL TOTAL	1364	1524	1882	1007	10359	10924	5128	28	10952
REGION 6									
BLAINE	103	66	122	47	254	141	141	9	188
DANIELS	0	0	0	0	0	0	0	0	0
HILL	75	28	75	28	621	198	160	0	602
MCCONE	56	47	56	47	555	423	103	0	273
PHILLIPS	282	254	386	151	1251	1110	866	9	1505
RICHLAND	19	9	19	9	66	19	47	0	19
ROOSEVELT	19	9	28	0	75	9	38	0	0
SHERIDAN	66	122	122	66	292	527	103	19	405
VALLEY	141	122	169	94	828	724	282	19	1016
REGIONAL TOTAL	687	612	884	414	3942	3152	1741	56	4008
REGION 7									
CARTER	0	9	9	0	0	9	0	0	0
CUSTER	75	94	122	47	875	772	273	9	960
DAWSON	75	66	75	66	659	310	226	0	169
FALLON	9	19	19	9	9	28	0	0	47
GARFIELD	85	103	122	66	235	245	122	0	292
POWDER RIVER	0	0	0	0	0	0	0	0	0
PRAIRIE	56	19	66	9	179	47	122	9	75
ROSEBUD	310	169	329	151	1684	1035	1355	0	931
TREASURE	292	151	292	151	1148	677	781	0	433
WIBEAUX	9	0	9	0	9	0	19	0	0
REGIONAL TOTAL	847	612	979	480	4799	3124	2898	19	2907
REGION UNKNOWN									
REGIONAL TOTAL	47	56	85	19	254	132	179	0	235

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS
1989 WATERFOWL HUNTING AND HARVEST REPORT

	GOOSE HUNTERS	DUCK HUNTERS	WATERFOWL HUNTERS	BOTH HUNTERS	GOOSE HNTR DAYS	DUCK HNTR DAYS	CANADA GOOSE KILL	WHITE GOOSE KILL	DUCK KILL
CENTRAL FLYWAY									
SEPTEMBER	480	0	480	0	2164	0	1393	0	0
OCTOBER	1647	1807	2399	1054	6765	7904	3114	38	8826
NOVEMBER	1298	1186	1750	734	6210	6219	2813	94	5768
DECEMBER	1016	894	1270	640	4554	4027	2587	9	3848
FLYWAY TOTAL	2889	2823	3745	1966	19693	18150	9908	141	18442
PACIFIC FLYWAY									
SEPTEMBER	1421	0	1421	0	5674	0	2211	19	0
OCTOBER	2700	3651	4366	1985	12288	17604	3331	376	21471 41
NOVEMBER	2663	3199	4018	1844	13530	16052	3707	762	18893 36
DECEMBER	1731	2032	2578	1186	7537	9625	2776	132	11422 22
FLYWAY TOTAL	5147	5909	7179	3876	39028	43281	12025	1289	51787
UNKNOWN FLYWAY									
SEPTEMBER	0	0	0	0	0	0	0	0	0
OCTOBER	38	28	56	9	141	38	75	0	56
NOVEMBER	28	28	47	9	103	75	75	0	103
DECEMBER	9	9	19	0	9	19	28	0	75
FLYWAY TOTAL	47	56	85	19	254	132	179	0	235
STATE									
SEPTEMBER	1901	0	1901	0	7838	0	3604	19	0
OCTOBER	4300	5391	6680	3011	19194	25545	6520	414	30353
NOVEMBER	3989	4385	5768	2606	19844	22346	6596	856	24764
DECEMBER	2738	2907	3811	1835	12100	13671	5391	141	15346
STATE TOTAL	7838	8525	10595	5768	58975	61563	22111	1430	70464

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS
1989 WATERFOWL HUNTING AND HARVEST REPORT
PERCENT HARVEST BY BAG SIZE

CENTRAL FLYWAY

BAG SIZE	-- CANADA GEESE --- PERCENT HUNTERS	PERCENT HARVEST	--- WHITE GEESE --- PERCENT HUNTERS	PERCENT HARVEST	--- ALL GEESE ---- PERCENT HUNTERS	PERCENT HARVEST	---- ALL DUCKS ---- PERCENT HUNTERS	PERCENT HARVEST
0	35.5	0.0	97.1	0.0	35.5	0.0	16.3	0.0
1	14.3	4.2	1.6	33.3	14.3	4.1	8.7	1.3
2	12.7	7.4	1.0	40.0	12.1	6.9	15.7	4.8
3	10.4	9.1	0.0	0.0	10.4	9.0	7.7	3.5
4	4.6	5.3	0.3	26.7	4.2	4.9	9.3	5.7
5	2.9	4.3	0.0	0.0	3.3	4.7	5.0	3.8
6	6.8	12.0	0.0	0.0	6.8	11.8	6.0	5.5
7	1.3	2.7	0.0	0.0	1.6	3.3	2.7	2.9
8	1.3	3.0	0.0	0.0	1.3	3.0	3.7	4.5
9	1.3	3.4	0.0	0.0	1.6	4.2	1.3	1.8
10	1.3	3.8	0.0	0.0	1.3	3.7	4.7	7.1
11-50	7.2	34.6	0.0	0.0	7.2	34.3	18.7	55.4
51-99	0.3	10.3	0.0	0.0	0.3	10.1	0.3	3.6

PACIFIC FLYWAY

BAG SIZE	-- CANADA GEESE --- PERCENT HUNTERS	PERCENT HARVEST	--- WHITE GEESE --- PERCENT HUNTERS	PERCENT HARVEST	--- ALL GEESE ---- PERCENT HUNTERS	PERCENT HARVEST	---- ALL DUCKS ---- PERCENT HUNTERS	PERCENT HARVEST
0	42.8	0.0	92.9	0.0	40.2	0.0	17.4	0.0
1	15.7	6.7	1.8	7.3	16.5	6.4	6.8	0.8
2	13.3	11.4	1.1	8.8	12.2	9.5	8.8	2.0
3	6.4	8.2	1.5	17.5	6.6	7.6	7.6	2.6
4	6.4	11.0	0.9	14.6	6.9	10.7	8.0	3.6
5	2.9	6.3	0.2	3.6	2.7	5.3	5.7	3.3
6	4.0	10.3	0.9	21.9	4.4	10.2	5.9	4.0
7	0.9	2.7	0.2	5.1	1.3	3.5	2.2	1.8
8	0.9	3.1	0.2	5.8	1.3	4.0	4.3	3.9
9	1.3	4.9	0.2	6.6	1.8	6.4	1.6	1.6
10	1.1	4.7	0.0	0.0	1.3	4.9	4.6	5.3
11-50	4.2	30.6	0.2	8.8	4.8	31.6	26.1	63.6
51-99	0.0	0.0	0.0	0.0	0.0	0.0	1.0	7.4

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS
1989 WATERFOWL HUNTING AND HARVEST REPORT
PERCENT HARVEST BY BAG SIZE

UNKNOWN FLYWAY

BAG SIZE	-- CANADA GEESE --- PERCENT HUNTERS	PERCENT HARVEST	--- WHITE GEESE --- PERCENT HUNTERS	PERCENT HARVEST	--- ALL GEESE ---- PERCENT HUNTERS	PERCENT HARVEST	---- ALL DUCKS ---- PERCENT HUNTERS	PERCENT HARVEST
0	20.0	0.0	100.0	0.0	20.0	0.0	16.7	0.0
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	20.0	10.5	0.0	0.0	20.0	10.5	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	16.7	12.0
4	40.0	42.1	0.0	0.0	40.0	42.1	33.3	32.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	16.7	24.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	16.7	32.0
9	20.0	47.4	0.0	0.0	20.0	47.4	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11-50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51-99	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

STATE

BAG SIZE	-- CANADA GEESE --- PERCENT HUNTERS	PERCENT HARVEST	--- WHITE GEESE --- PERCENT HUNTERS	PERCENT HARVEST	--- ALL GEESE ---- PERCENT HUNTERS	PERCENT HARVEST	---- ALL DUCKS ---- PERCENT HUNTERS	PERCENT HARVEST
0	39.5	0.0	94.2	0.0	37.8	0.0	16.8	0.0
1	14.9	5.3	1.8	9.9	15.4	5.1	7.1	0.9
2	13.6	9.6	1.1	11.8	12.6	8.4	10.6	2.6
3	7.7	8.2	1.0	15.8	7.8	7.8	8.1	2.9
4	5.8	8.2	0.7	15.8	6.0	8.0	8.7	4.2
5	3.1	5.5	0.1	3.3	3.1	5.2	5.4	3.3
6	4.8	10.2	0.6	19.7	5.2	10.3	5.3	3.8
7	1.3	3.3	0.1	4.6	1.6	3.6	2.3	2.0
8	1.3	3.7	0.1	5.3	1.4	3.8	4.0	3.8
9	1.2	3.8	0.1	5.9	1.8	5.4	1.7	1.8
10	1.2	4.3	0.0	0.0	1.3	4.4	4.7	5.7
11-50	5.5	33.3	0.1	7.9	5.9	33.6	24.6	62.4
51-99	0.1	4.6	0.0	0.0	0.1	4.3	0.8	6.5

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS
1989 WATERFOWL HUNTING AND HARVEST REPORT

ANALYSIS SUMMARY:

Total Waterfowl Stamps Sold:	14678
Questionnaire Records Processed:	1560
Constant Expansion Factor:	9.41

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS
1989 WATERFOWL HUNTING AND HARVEST REPORT

ANALYSIS SUMMARY:

Total Waterfowl Stamps Sold:	14678
Questionnaire Records Processed:	1560
Constant Expansion Factor:	9.41

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS
1989 WATERFOWL HUNTING AND HARVEST REPORT

ANALYSIS SUMMARY:

Total Waterfowl Stamps Sold:	14678
Questionnaire Records Processed:	1560
Constant Expansion Factor:	9.41

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS

1988 UPLAND GAME BIRD HUNTING AND HARVEST REPORT

AUGUST 25, 1989

REGION 1

	HUNTERS	HUNTER DAYS	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
COUNTIES													
FLATHEAD	1778	10556	783	371	124	267	1196	4841	1290	0	0	0	8872
LAKE	1003	4931	2912	0	0	399	83	1293	329	0	40	0	5055
LINCOLN	1522	12125	26	80	44	7	1962	6793	1189	0	0	0	10101
SANDERS	743	5876	157	39	7	27	1037	2536	333	0	0	0	4135
LICENSE TYPES													
RES GAME BIRD	3045	23025	2114	326	146	352	2766	10033	2021	0	40	0	17799
RES SPORTSMANS	1272	8917	1584	144	15	241	1246	4917	954	0	0	0	9101
NR GAME BIRD	26	77	102	0	0	102	0	0	0	0	0	0	205
NR B10 COMBO	225	1219	55	8	13	4	204	437	127	0	0	0	849
NR DEER COMBO	54	251	21	13	0	0	63	75	38	0	0	0	209
TOTAL	4622	33489	3877	490	174	700	4279	15463	3140	0	40	0	28164

REGION 2

	HUNTERS	HUNTER DAYS	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
COUNTIES													
DEER LODGE	111	558	130	97	40	0	53	40	30	0	0	0	391
GRANTIE	189	752	266	0	27	0	277	115	147	0	0	0	831
MINERAL	576	2777	230	33	10	66	607	1130	143	0	0	0	2219
MISSOULA	1418	7304	259	63	82	87	2360	3078	380	0	25	0	6336
POWELL	400	1743	43	41	0	28	524	717	102	0	0	0	1455
RAVALLI	797	4145	449	7	0	20	1323	1651	464	0	0	0	3913
LICENSE TYPES													
RES GAME BIRD	1815	9342	898	93	120	153	2753	3431	452	0	0	0	7899
RES SPORTSMANS	1215	6850	467	149	31	15	2200	3020	605	0	0	0	6486
NR GAME BIRD	0	0	0	0	0	0	0	0	0	0	0	0	0
NR B10 COMBO	174	1070	13	0	8	13	191	272	208	0	0	0	705
NR DEER COMBO	13	17	0	0	0	21	0	8	0	0	25	0	54
TOTAL	3217	17279	1377	242	159	202	5143	6731	1265	0	25	0	15144

REGION 3

	HUNTERS	HUNTER DAYS	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
COUNTIES													
BEAVERHEAD	545	2179	119	128	1306	118	418	251	227	0	4	40	2610
BROADWATER	739	2643	919	8	299	268	771	346	44	0	0	62	2717
GALLATIN	1326	5838	795	131	45	927	1912	1280	88	0	13	133	5323
JEFFERSON	358	1272	324	0	13	155	338	172	27	0	0	27	1055
MADISON	558	1919	48	211	137	218	910	142	114	0	17	0	1798
PARK	345	2207	0	29	83	862	480	182	37	0	0	0	1673
SILVER BOW	212	702	29	7	91	10	302	18	13	0	0	0	470
LICENSE TYPES													
RES GAME BIRD	2181	10652	1376	299	1423	1875	3251	1682	180	0	0	199	10286
RES SPORTSMANS	1113	4307	626	62	349	590	1615	615	179	0	0	62	4097
NR GAME BIRD	0	0	51	128	51	0	0	0	0	0	0	0	230
NR B10 COMBO	335	1622	106	25	140	68	255	89	191	0	34	0	909
NR DEER COMBO	63	180	75	0	13	25	8	4	0	0	0	0	126
TOTAL	3692	16761	2235	514	1975	2558	5130	2391	550	0	34	261	15647

REGION 4

	HUNTERS	HUNTER DAYS	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
COUNTIES													
CASCADE	2167	9898	3905	4608	478	6940	1215	167	179	0	27	225	17742
CHOUTEAU	997	3598	2009	1348	247	2729	95	97	0	0	113	0	6637
FERGUS	2105	9040	7949	4122	1883	5017	297	590	40	4	132	10	20044
GLACIER	104	378	111	116	0	531	0	0	0	0	0	0	758
JUDITH BASIN	536	1820	656	434	25	1098	457	173	0	0	17	0	2860
LEWIS & CLARK	1242	5386	222	441	153	598	2386	1037	421	0	0	0	5255
LIBERTY	235	783	344	573	0	489	0	53	13	0	0	0	1472
MEAGHER	448	2130	33	82	109	184	781	416	64	0	0	0	1668
PETROLEUM	787	2749	955	1065	1517	1356	0	67	0	0	34	0	4994
PONDERA	643	2685	2424	637	0	2478	5	0	0	0	0	0	5545
TETON	944	3469	2530	796	99	2205	0	30	0	13	0	7	5680
TOOLE	333	1602	628	612	0	1969	0	7	0	0	0	13	3229
LICENSE TYPES													
RES GAME BIRD	5592	27779	13178	9182	3178	16403	3418	1310	578	13	246	219	47726
RES SPORTSMANS	2051	10470	5492	4240	764	6943	1631	733	108	0	0	36	19946
NR GAME BIRD	588	2583	1611	614	230	742	26	409	0	0	26	0	3657
NR B10 COMBO	403	1588	701	467	212	853	132	170	30	4	51	0	2620
NR DEER COMBO	314	1119	784	331	126	654	29	13	0	0	0	0	1936
TOTAL	8949	43539	21765	14834	4510	25594	5235	2635	716	18	323	255	75885

REGION 5

	HUNTERS	HUNTER DAYS	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
COUNTIES													
BIGHORN	1191	4953	6230	3451	332	773	367	188	0	0	0	0	11341
CARBON	1038	4632	1893	654	745	1593	555	137	28	0	359	479	6444
GOLDEN VALLEY	186	503	120	87	272	116	0	0	0	0	41	0	635
MUSSELSHELL	579	1690	375	467	890	493	0	20	7	0	0	47	2298
STILLWATER	478	1563	244	604	104	745	241	53	10	0	0	0	2001
SWEETGRASS	262	902	41	185	155	309	35	31	20	0	31	0	806
WHEATLAND	143	287	166	65	37	115	26	0	8	0	0	0	418
YELLOWSTONE	1614	6785	2839	2222	937	2586	13	40	120	0	312	419	9488
LICENSE TYPES													
RES GAME BIRD	3165	15159	8597	4807	2400	4787	685	392	146	0	545	479	22839
RES SPORTSMANS	641	3938	2164	1277	554	1190	544	51	26	0	190	461	6456
NR GAME BIRD	537	1458	793	1381	384	512	0	0	0	0	0	0	3069
NR B10 COMBO	123	412	183	174	13	132	4	17	13	0	0	0	535
NR DEER COMBO	92	348	172	96	122	109	4	8	8	0	8	4	532
TOTAL	4558	21315	11908	7735	3472	6729	1237	469	193	0	743	944	33431

REGION 6

	HUNTERS	HUNTER DAYS	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
COUNTIES													
BLAINE	863	4740	2076	2383	412	2538	148	66	0	0	72	0	7695
DANIELS	371	2888	2847	1764	160	4015	0	13	0	0	0	0	8799
HILL	895	3562	980	2417	319	2508	0	8	0	20	0	0	6253
MCCONE	575	2144	479	1697	215	1238	80	0	0	0	0	133	3841
PHILLIPS	1405	6253	3092	2142	1908	3362	44	17	0	0	0	0	10565
RICHLAND	1284	5807	4716	1562	129	1519	0	0	0	0	0	0	7927
ROOSEVELT	566	2374	2144	1169	33	1347	0	0	0	0	0	40	4733
SHERIDAN	877	4785	5231	1877	77	4009	0	33	0	0	0	0	11227
VALLEY	1338	4910	1547	2927	2194	3182	0	7	0	0	8	7	9872
LICENSE TYPES													
RES GAME BIRD	4003	23112	13019	10558	1995	12001	93	100	0	20	0	160	37945
RES SPORTSMANS	846	4446	3189	2389	974	3189	174	36	0	0	0	21	9973
NR GAME BIRD	1432	7391	5652	3913	1611	7212	0	0	0	0	51	0	18440
NR B10 COMBO	178	811	310	297	276	301	0	0	0	0	0	0	1185
NR DEER COMBO	440	1705	943	779	591	1014	4	8	0	0	29	0	3369
TOTAL	6899	37465	23113	17938	5447	23718	272	144	0	20	80	180	70912

REGION 7

	HUNTERS	HUNTER DAYS	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
COUNTIES													
CARTER	179	767	264	78	388	17	200	0	0	0	13	0	960
CUSTER	633	2533	2026	501	90	205	0	0	0	0	0	160	2982
DAWSON	1164	5817	4342	2532	229	2501	0	0	0	0	0	203	9807
FALLON	278	1178	27	907	333	221	0	0	0	0	0	0	1488
GARFIELD	471	1186	55	568	534	97	0	13	0	0	0	0	1267
POWDER RIVER	361	953	692	740	121	72	0	13	0	0	0	0	1639
PRAIRIE	487	1527	1136	1269	270	921	0	0	0	0	8	0	3604
ROSEBUD	1074	4404	3072	1221	803	254	7	0	0	0	5	131	5493
TREASURE	508	1745	1656	73	299	158	0	0	0	0	0	0	2186
WIBEAUX	96	370	105	285	40	104	0	0	0	0	13	0	547
LICENSE TYPES													
RES GAME BIRD	2414	12201	7580	3677	937	2746	7	27	0	0	13	479	15465
RES SPORTSMANS	420	1789	785	615	1041	405	200	0	0	0	5	15	3066
NR GAME BIRD	1023	4425	3760	3069	818	1151	0	0	0	0	0	0	8798
NR B10 COMBO	259	705	412	259	127	102	0	0	0	0	0	0	900
NR DEER COMBO	427	1362	838	553	184	147	0	0	0	0	21	0	1743
TOTAL	4543	20481	13374	8173	3109	4551	207	27	0	0	39	494	29973

REGION UNKNOWN

	HUNTERS	HUNTER DAYS	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
LICENSE TYPES													
RES GAME BIRD	7	7	0	0	0	0	0	0	0	0	0	0	0
RES SPORTSMANS	5	15	0	0	10	21	62	0	0	0	0	0	92
NR GAME BIRD	26	51	51	0	0	0	0	0	0	0	0	0	51
NR B10 COMBO	34	229	51	34	0	51	0	25	0	0	0	0	161
NR DEER COMBO	4	0	0	67	21	34	0	0	0	0	0	0	122
TOTAL	76	302	102	101	31	105	62	25	0	0	0	0	426

STATE

	HUNTERS	HUNTER DAYS	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
LICENSE TYPES													
RES GAME BIRD	20179	121276	46762	28943	10199	38318	12972	16975	3378	33	844	1536	159959
RES SPORTSMANS	6609	40733	14306	8876	3738	12593	7671	9373	1872	0	195	595	59218
NR GAME BIRD	3274	15985	12021	9105	3095	9719	26	409	0	0	77	0	34451
NR B10 COMBO	1579	7655	1830	1265	790	1524	785	1010	569	4	85	0	7863
NR DEER COMBO	1358	4982	2832	1839	1056	2003	109	117	46	0	84	4	8091
TOTAL	32999	190631	77750	50028	18878	64157	21563	27885	5864	37	1285	2135	269581

LICENSE TYPE	NUMBER SOLD	SAMPLE SIZE	EXPANSION FACTOR
RES GAME BIRD	34049	5121	6.65
RES SPORTSMANS	17936	3498	5.13
NR GAME BIRD	4041	158	25.58
NR B10 COMBO	17000	4004	4.25
NR DEER COMBO	6000	1432	4.19
TOTAL	79026	14213	0.00